

Amendments to the Claims:

This listing of claims replaces all prior versions and listings of claims in the application:

Listing of Claims:

1. (Currently Amended) A method ~~for automatically selecting a rendering intent,~~
comprising:
identifying a device color profile associated with a device; and
automatically selecting a rendering intent based on the color characteristics of the device,
the color characteristics being transform defined by the device color profile.
2. (Original) The method of claim 1, wherein the device is a device to be emulated.
3. (Original) The method of claim 2, wherein the device is a printing press.
4. (Original) The method of claim 3, further comprising:
receiving a selection indicative of the device color profile.
5. (Currently Amended) The method of claim ~~23~~, further comprising:
determining a minimum luminance the printing press can produce; and
selecting one of a plurality of rendering intents based on a comparison of the minimum
luminance to one or more predefined thresholds.
6. (Currently Amended) The method of claim 5, wherein ~~the selecting step~~ one of a
plurality of rendering intents comprises:
selecting a first rendering intent when the minimum luminance exceeds a predefined
threshold; and
selecting a second rendering intent otherwise.

7. (Original) The method of claim 6, wherein:
selecting a first rendering intent includes selecting a perceptual rendering intent; and
selecting a second rendering intent includes selecting a colorimetric rendering intent.
8. (Original) The method of claim 7, further comprising:
receiving input data from a graphic arts application;
generating output data using the input data and the selected rendering intent; and
sending the output data to a proofing printer.
9. (Original) The method of claim 6, wherein selecting a first rendering intent includes
selecting a composite rendering intent.
10. (Original) The method of claim 6, wherein selecting a second rendering intent
includes selecting a composite rendering intent.
11. (Currently Amended) The method of claim 2, further comprising:
identifying an emulation device color profile associated with an emulation device;
wherein ~~the~~ automatically selecting step a rendering intent further comprises selecting a
rendering intent based on the emulation device color profile.
12. (Currently Amended) The method of claim 11, wherein ~~the device is a device to be~~
~~emulated and~~ the emulation device is a device to generate the output of ~~the~~ an emulation of the
device to be emulated.

13. (Original) The method of claim 12, wherein the device is a printing press and the emulation device is a proofing printer, the method further comprising:

receiving a selection indicative of the printing press color profile; and
receiving a selection indicative of the proofing printer color profile.

14. (Original) The method of claim 13, further comprising:

selecting a first rendering intent when the difference between a minimum luminance the printing press can produce and a minimum luminance the proofing printer can produce exceeds a predefined value; and

selecting a second rendering intent otherwise.

15. (Original) The method of claim 14, wherein:

selecting a first rendering intent includes selecting a perceptual rendering intent; and
selecting a second rendering intent includes selecting a colorimetric rendering intent.

16. (Original) The method of claim 14, wherein selecting a first rendering intent includes selecting a composite rendering intent.

17. (Original) The method of claim 14, wherein selecting a second rendering intent includes selecting a composite rendering intent.

18. (Original) The method of claim 13, further comprising:

selecting a first rendering intent when a color gamut of the printing press is substantially contained within a color gamut of the proofing printer; and
selecting a second rendering intent otherwise.

19. (Original) The method of claim 18, wherein:
selecting a first rendering intent includes selecting a perceptual rendering intent; and
selecting a second rendering intent includes selecting a colorimetric rendering intent.
20. (Original) The method of claim 18, wherein selecting a first rendering intent
includes selecting a composite rendering intent.
21. (Original) The method of claim 18, wherein selecting a second rendering intent
includes selecting a composite rendering intent.
22. (Currently Amended) An apparatus ~~for automatically selecting a rendering intent,~~
comprising:
means for identifying a device color profile associated with a device; and
~~a rendering engine configured to~~ means for automatically selecting a rendering intent
based on the color characteristics of the device, the color characteristics being transform defined
by the device color profile.
23. (Original) The apparatus of claim 22, wherein the device is a device to be emulated.
24. (Original) The apparatus of claim 23, wherein the device is a printing press.
25. (Original) The apparatus of claim 24, wherein the means for identifying comprises:
means for receiving a selection indicative of the device color profile.
26. (Currently Amended) The apparatus of claim 23~~4~~, further comprising:
means for determining a minimum luminance the printing press can produce; and
means for automatically selecting one of a plurality of rendering intents based on a
comparison of the minimum luminance to one or more predefined thresholds.

27. (Currently Amended) The apparatus of claim 26, wherein the means for selecting one of a plurality of rendering intents comprises:

means for selecting a first rendering intent when the minimum luminance exceeds a predefined threshold; and

means for selecting a second rendering intent otherwise.

28. (Original) The apparatus of claim 27, wherein:

the means for selecting a first rendering intent includes means for selecting a perceptual rendering intent; and

the means for selecting a second rendering intent includes means for selecting a colorimetric rendering intent.

29. (Original) The apparatus of claim 28, further comprising:

means for receiving input data from a graphic arts application;

means for generating output data using the input data and a selected rendering intent; and

means for sending the output data to the proofing printer.

30. (Original) The apparatus of claim 27, wherein the means for selecting a first rendering intent includes means for selecting a composite rendering intent.

31. (Original) The apparatus of claim 27, wherein the means for selecting a second rendering intent includes means for selecting a composite rendering intent.

32. (Currently Amended) The apparatus of claim 23, further comprising:

means for identifying an emulation device color profile associated with an emulation device;

wherein the means for automatically selecting a rendering intent further comprises means for selecting a rendering intent based on the emulation device color profile.

33. (Currently Amended) The apparatus of claim 32, wherein ~~the device is a device to be emulated and~~ the emulation device is a device to generate the output of ~~the~~ an emulation of the device to be emulated.

34. (Original) The apparatus of claim 33, wherein the device is a printing press and the emulation device is a proofing printer, the apparatus further comprising:

means for receiving a selection indicative of the printing press color profile; and
means for receiving a selection indicative of the proofing printer color profile.

35. (Original) The apparatus of claim 34, further comprising:

means for selecting a first rendering intent when the difference between a minimum luminance the printing press can produce and a minimum luminance the proofing printer can produce exceeds a predefined value; and

means for selecting a second rendering intent otherwise.

36. (Original) The apparatus of claim 35, wherein:

the means for selecting a first rendering intent includes means for selecting a perceptual rendering intent; and

the means for selecting a second rendering intent includes means for selecting a colorimetric rendering intent.

37. (Original) The apparatus of claim 35, wherein the means for selecting a first rendering intent includes means for selecting a composite rendering intent.

38. (Original) The apparatus of claim 35, wherein the means for selecting a second rendering intent includes means for selecting a composite rendering intent.

39. (Original) The apparatus of claim 34, further comprising:
means for selecting a first rendering intent when a color gamut of the printing press is substantially contained within a color gamut of the proofing printer; and
means for selecting a second rendering intent otherwise.

40. (Original) The apparatus of claim 39, wherein:
the means for selecting a first rendering intent includes means for selecting a perceptual rendering intent; and
the means for selecting a second rendering intent includes means for selecting a colorimetric rendering intent.

41. (Original) The apparatus of claim 39, wherein the means for selecting a colorimetric rendering intent includes means for selecting a composite rendering intent.

42. (Original) The apparatus of claim 39, wherein the means for selecting a perceptual rendering intent includes means for selecting a composite rendering intent.

43. (Currently Amended) A computer program product, tangibly embodied on a computer-readable medium, ~~for automatically selecting a rendering intent~~, the product comprising instructions operable to cause a processor to:
identify a device color profile associated with a device; and
automatically select a rendering intent based on the color characteristics of the device, the color characteristics being transform defined by the device color profile.

44. (Original) The computer program product of claim 43, wherein the device is a device to be emulated.

45. (Original) The computer program product of claim 44, wherein the device is a printing press.

46. (Original) The computer program product of claim 45, further comprising:
instructions to:
receive a selection indicative of the device color profile.

47. (Currently Amended) The computer program product of claim ~~[[44]]~~ 45, further comprising instructions to:
determine a minimum luminance the printing press can produce; and
select one of a plurality of rendering intents based on a comparison of the minimum luminance to one or more predefined thresholds.

48. (Currently Amended) The computer program product of claim 47, wherein the instructions to select one of a plurality of rendering intents further comprise: computer readable program code means for causing a computer to select comprises instructions to:
instructions to select a first rendering intent when the minimum luminance exceeds a predefined threshold; and
instructions to select a second rendering intent otherwise.

49. (Original) The computer program product of claim 48, wherein:
the instructions to select a first rendering intent include instructions to select a perceptual rendering intent; and
the instructions to select a second rendering intent include instructions to select a colorimetric rendering intent.

50. (Original) The computer program product of claim 49, further comprising instructions to:

receive input data from a graphic arts application;
generate output data using the input data and a selected rendering intent; and
send the output data to the proofing printer.

51. (Currently Amended) The computer program product of claim 48, wherein the instructions to select a ~~colorimetric~~ first rendering intent include instructions to select a composite rendering intent.

52. (Currently Amended) The computer program product of claim 48, wherein the instructions to select a ~~perceptual~~ second rendering intent include instructions to select a composite rendering intent.

53. (Currently Amended) The computer program product of claim 44, further comprising instructions to:

identify an emulation device color profile associated with an emulation device;
wherein the instructions to automatically select step a rendering intent further comprise instructions to select a rendering intent based on the emulation device color profile.

54. (Currently Amended) The computer program product of claim 53, wherein ~~the device is a device to be emulated and the emulation device is a device to generate the output of the an emulation of the device to be emulated.~~

55. (Original) The computer program product of claim 54, wherein the device is a printing press and the emulation device is a proofing printer, the computer program product further comprising instructions to:

receive a selection indicative of the printing press color profile; and
receive a selection indicative of the proofing printer color profile.

56. (Original) The computer program product of claim 55, further comprising instructions to:

select a first rendering intent when the difference between a minimum luminance the printing press can produce and a minimum luminance the proofing printer can produce exceeds a predefined value; and

select a second rendering intent otherwise.

57. (Original) The computer program product of claim 56, wherein:

the instructions to select a first rendering intent include instructions to select a perceptual rendering intent; and

the instructions to select a second rendering intent include instructions to select a colorimetric rendering intent.

58. (Currently Amended) The computer program product of claim 56, wherein the instructions to select a ~~second~~first rendering intent include instructions to select a composite rendering intent.

59. (Original) The computer program product of claim 56, wherein the instructions to select a second rendering intent include instructions to select a composite rendering intent.

60. (Currently Amended) The computer program product of claim 55, further comprising instructions to:

select a ~~colorimetric~~first rendering intent when a color gamut of the printing press is substantially contained within a color gamut of the proofing printer; and

select a ~~perceptual~~second-rendering intent otherwise.

61. (Original) The computer program product of claim 60, wherein:
the instructions to select a first rendering intent include instructions to select a perceptual rendering intent; and
the instructions to select a second rendering intent include instructions to select a colorimetric rendering intent.

62. (Currently Amended) The computer program product of claim 60, wherein the instructions to select a ~~colorimetric~~first rendering intent include instructions to select a composite rendering intent.

63. (Currently Amended) The computer program product of claim 60, wherein the instructions to select a ~~perceptual~~second rendering intent include instructions to select a composite rendering intent.